

Monoclonal Antibody to CD52 / CAMPATH-1 - PE

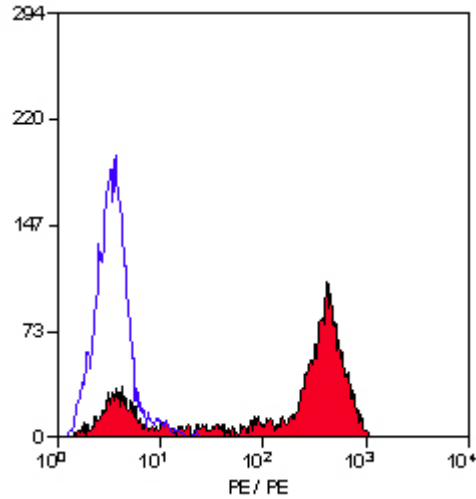
Alternate names:	CDw52, Cambridge pathology 1 antigen, Epididymal secretory protein E5, HE5
Catalog No.:	SM2135R
Quantity:	100 Tests
Background:	<p>CD52 is a small peptide that is heavily glycosylated, and attached to the cell surface membrane via a GPI link.</p> <p>The apparent molecular mass of the antigen on SDS-PAGE is 25-29kD.</p> <p>CD52 is expressed at high density by lymphocytes, monocytes, eosinophils, thymocytes and macrophages. It is expressed by most lymphoid derived malignancies, although expression on myeloma cells is variable.</p> <p>Humanised versions of CAMPATH-1 specific antibodies are currently in clinical trials for the treatment of a range of lymphoid malignancies.</p>
Uniprot ID:	P31358
NCBI:	NP_001794.2
GeneID:	1043
Host / Isotype:	Rat / IgG2b
Clone:	YTH34.5
Format:	<p>State: Lyophilised purified Ig fraction</p> <p>Purification: Affinity chromatography on Protein A</p> <p>Buffer System: PB containing 0.09% Sodium Azide as preservative and 1% Bovine Serum Albumin as stabilizer</p> <p>Label: PE – R. Phycoerythrin (RPE)</p> <p>Reconstitution: Restore with 1 ml distilled water.</p>
Applications:	<p>Flow Cytometry.</p> <p>Use 10 µl of the suggested working dilution to label 1 x 10⁶ cells.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>This antibody reacts to CD52.</p> <p>Species: Human, Monkey, Rhesus Monkey.</p> <p>Other species not tested.</p>
Storage:	<p>Prior to and following reconstitution store the antibody at 2-8°C.</p> <p>DO NOT FREEZE!</p> <p>This product is photosensitive and should be protected from light.</p> <p>Shelf life: one year from despatch.</p>

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

Pictures:



Staining of human peripheral blood lymphocytes with rat anti human CD52-PE (SM2135R).

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